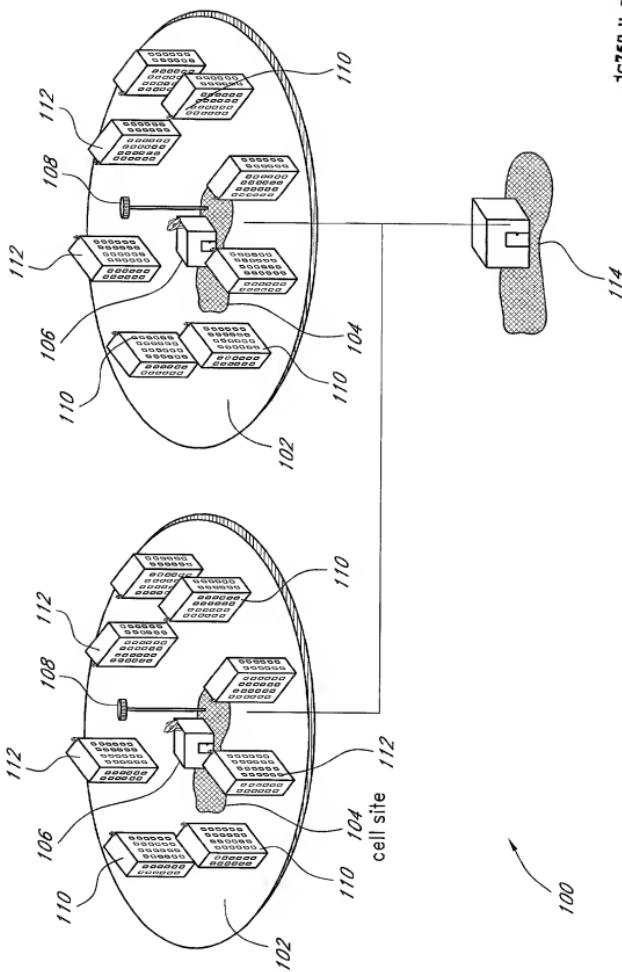


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FIG. 1



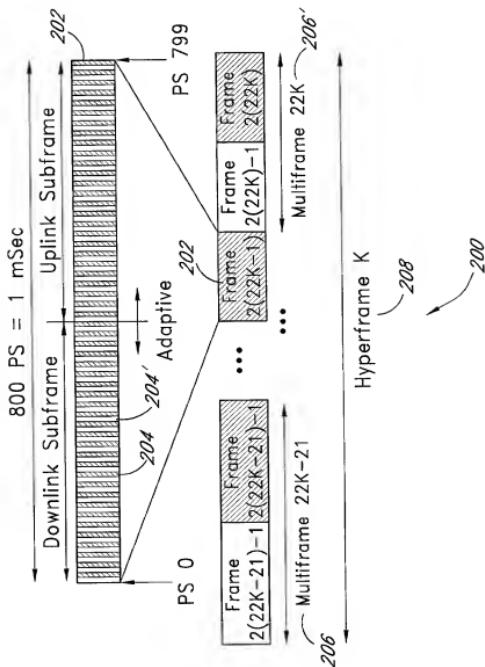
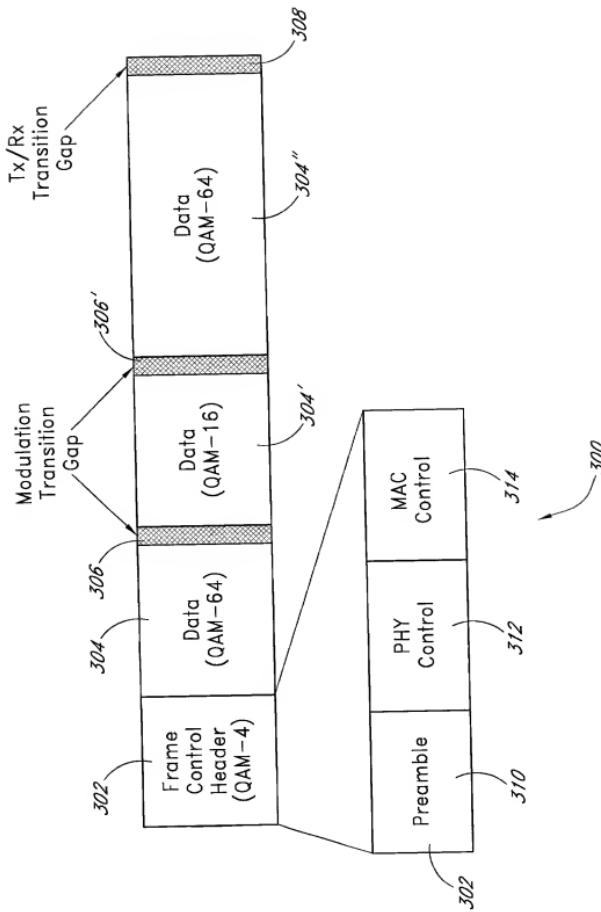


FIG. 2

FIG. 3



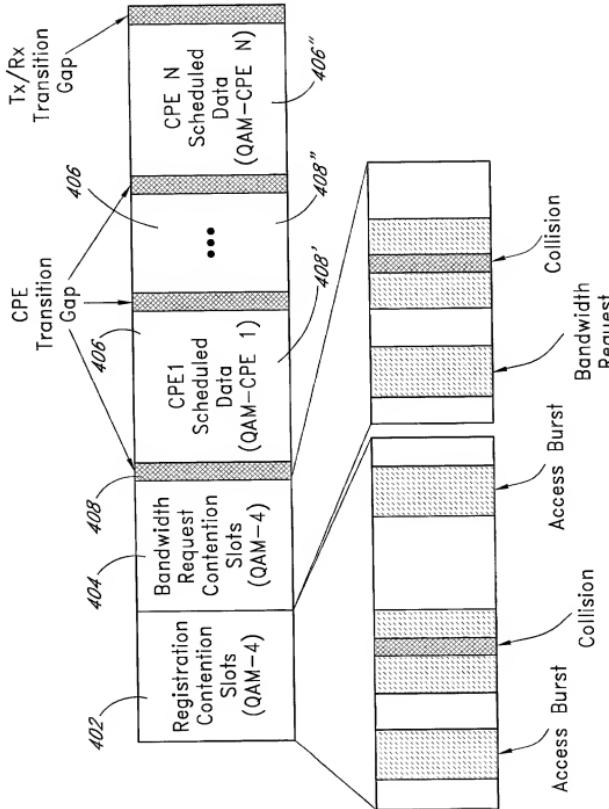
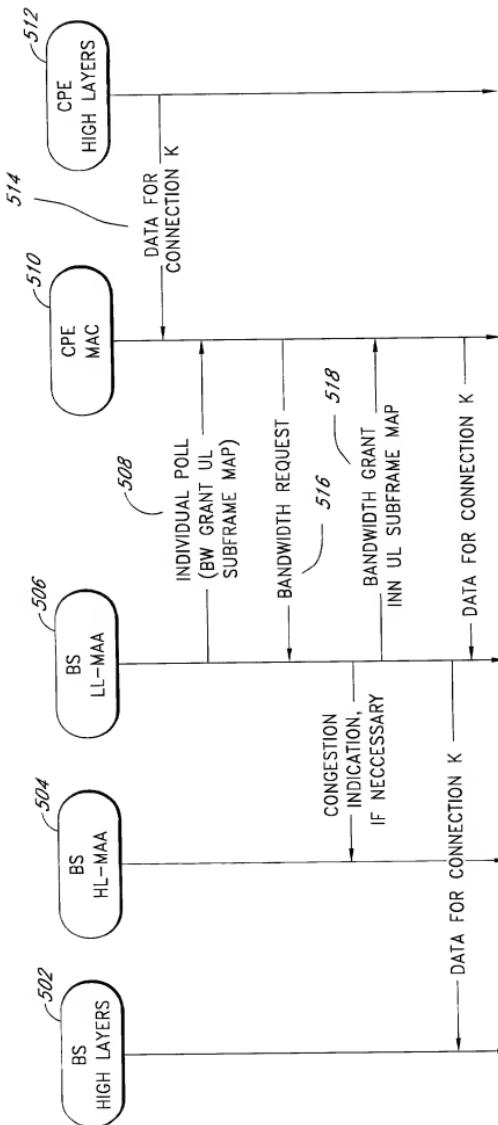


FIG. 5



$$\frac{1}{\sqrt{2}} \left( \hat{a}_1^{\dagger} \hat{a}_2^{\dagger} - \hat{a}_2^{\dagger} \hat{a}_1^{\dagger} \right) \frac{1}{\sqrt{2}} \left( \hat{a}_1^{\dagger} \hat{a}_2^{\dagger} - \hat{a}_2^{\dagger} \hat{a}_1^{\dagger} \right) = \frac{1}{2} \left( \hat{a}_1^{\dagger} \hat{a}_1^{\dagger} - \hat{a}_2^{\dagger} \hat{a}_2^{\dagger} \right) + \frac{1}{2} \left( \hat{a}_1^{\dagger} \hat{a}_2^{\dagger} + \hat{a}_2^{\dagger} \hat{a}_1^{\dagger} \right)$$

$F/G, 6A$
$F/G, 6B$

$F/G, 6$

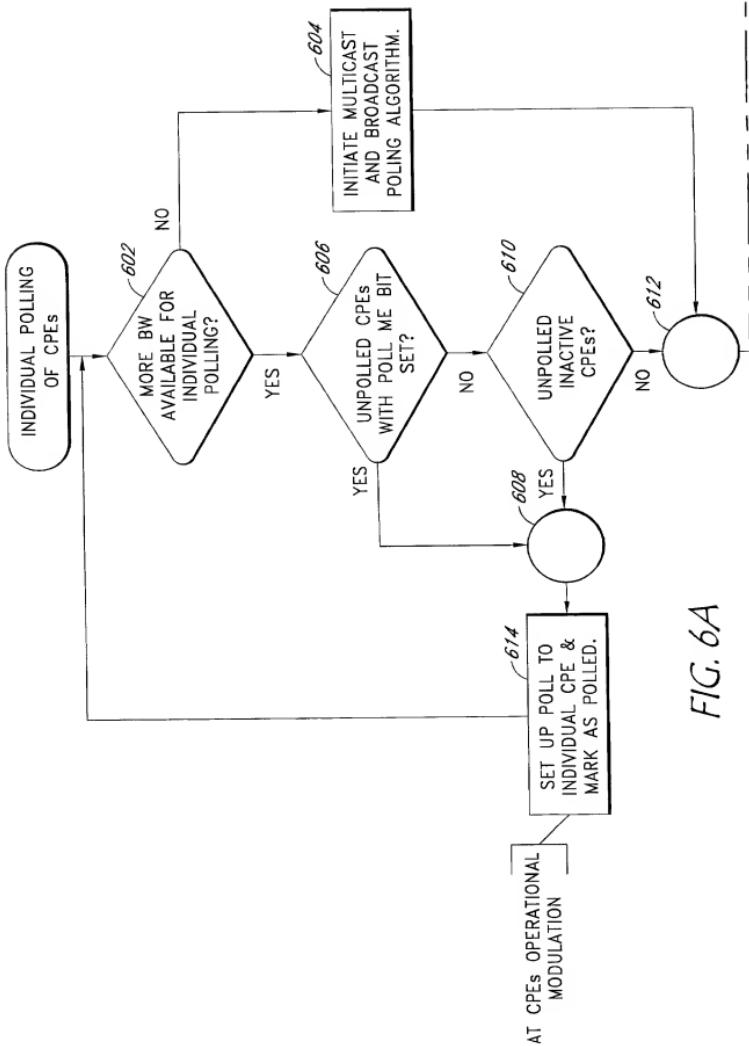


FIG. 6A

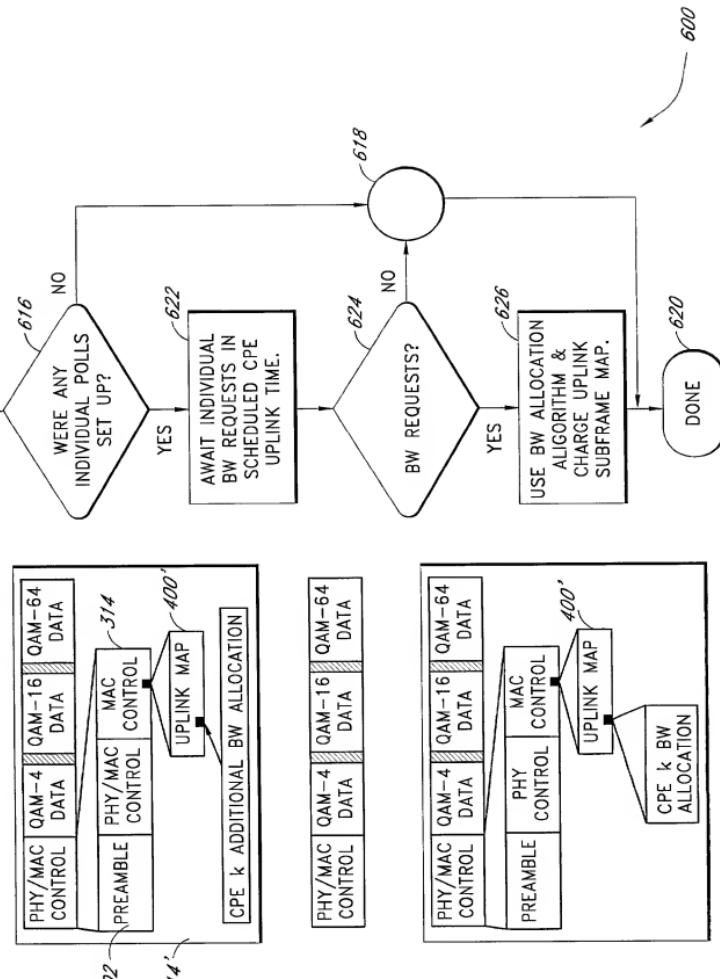


FIG. 6B

*FIG. 7*

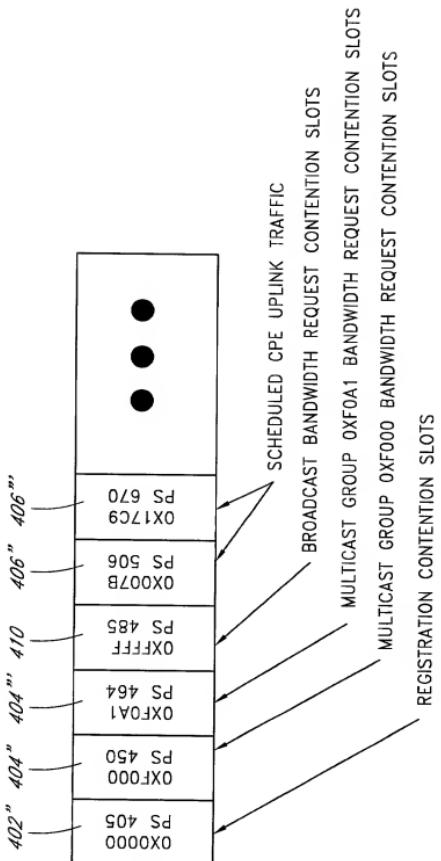


FIG. 8

FIG. 8A
FIG. 8B

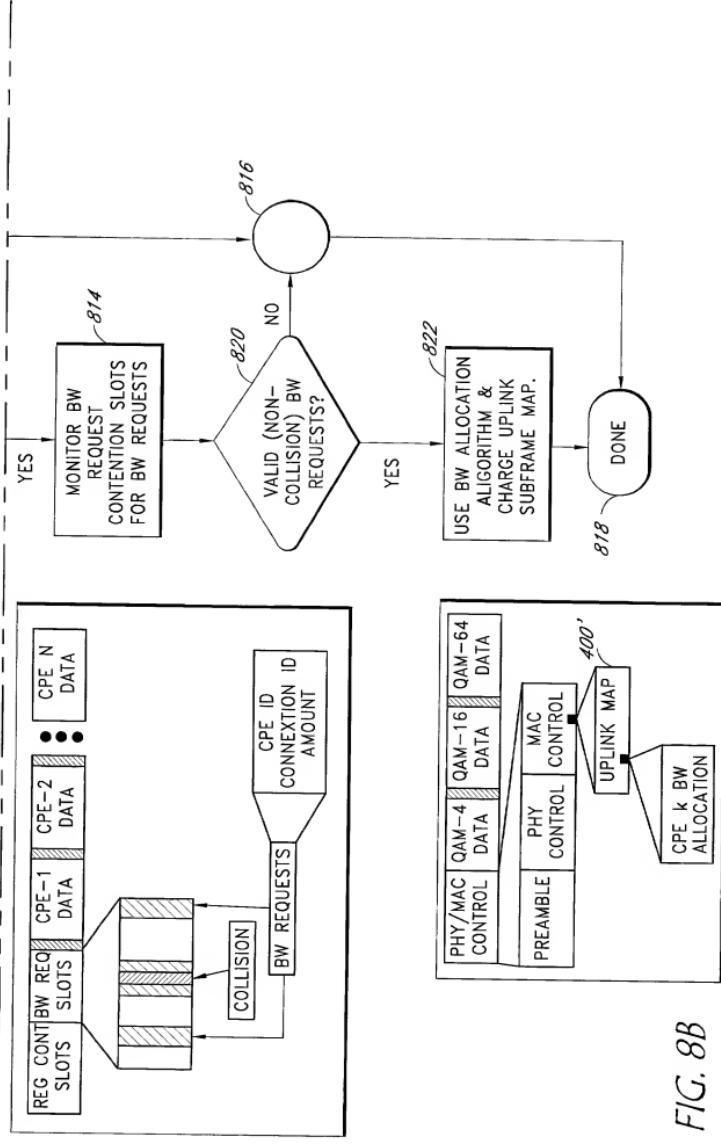


FIG. 8B

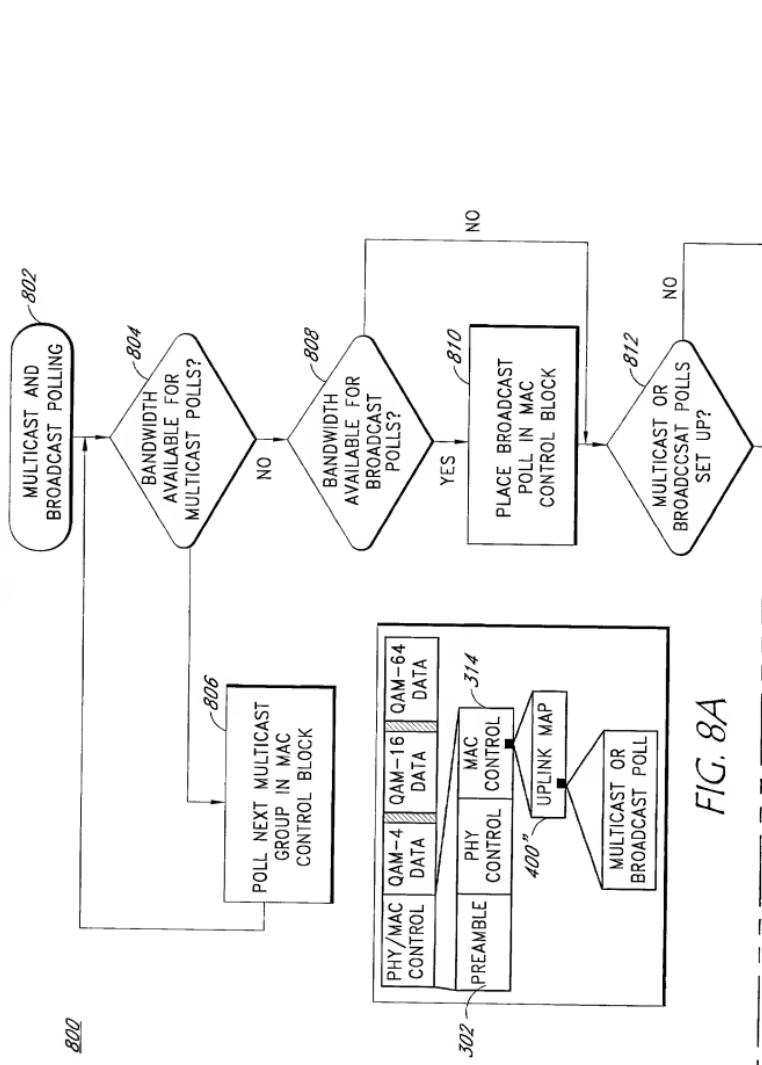


FIG. 8A

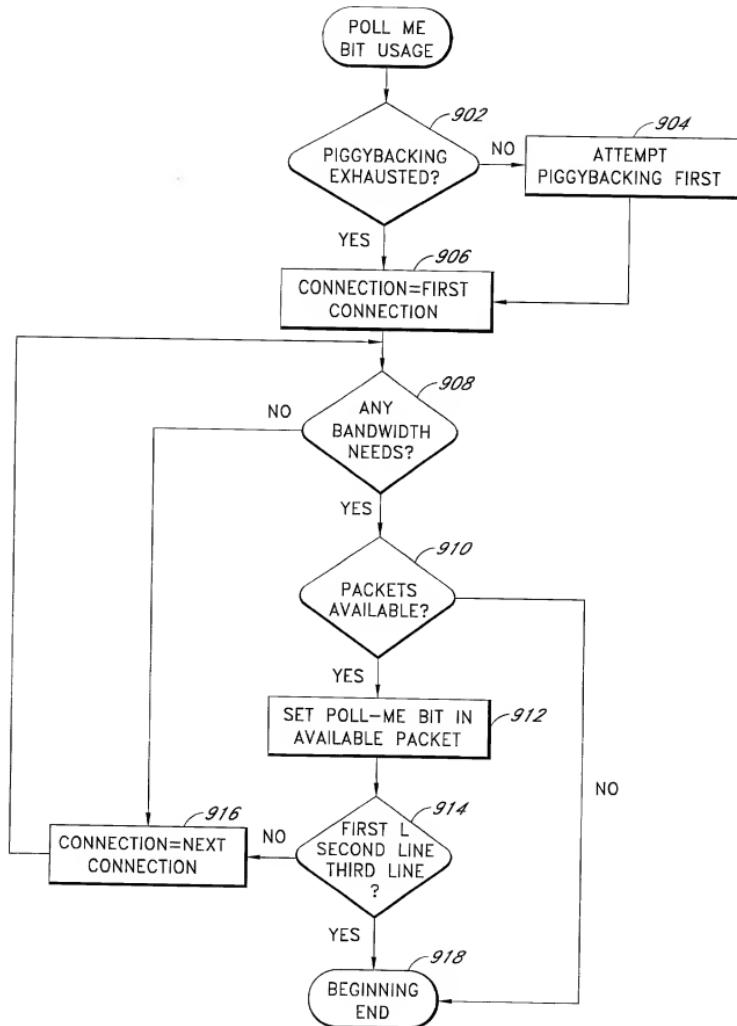
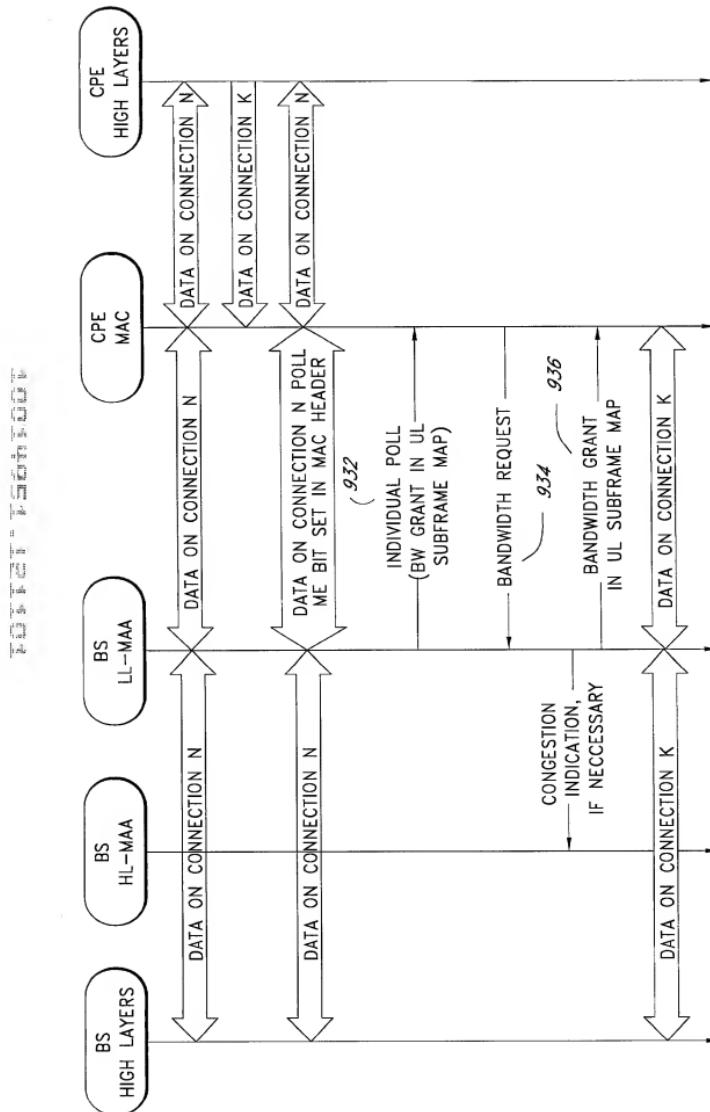
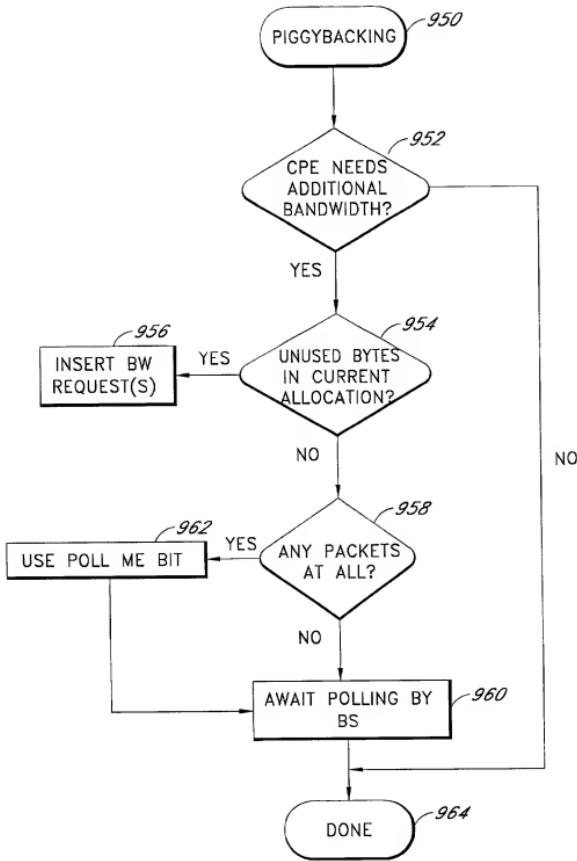


FIG. 9

*FIG. 10*





*FIG. 11*

*FIG. 12*

<i>FIG. 12A</i>
<i>FIG. 12B</i>

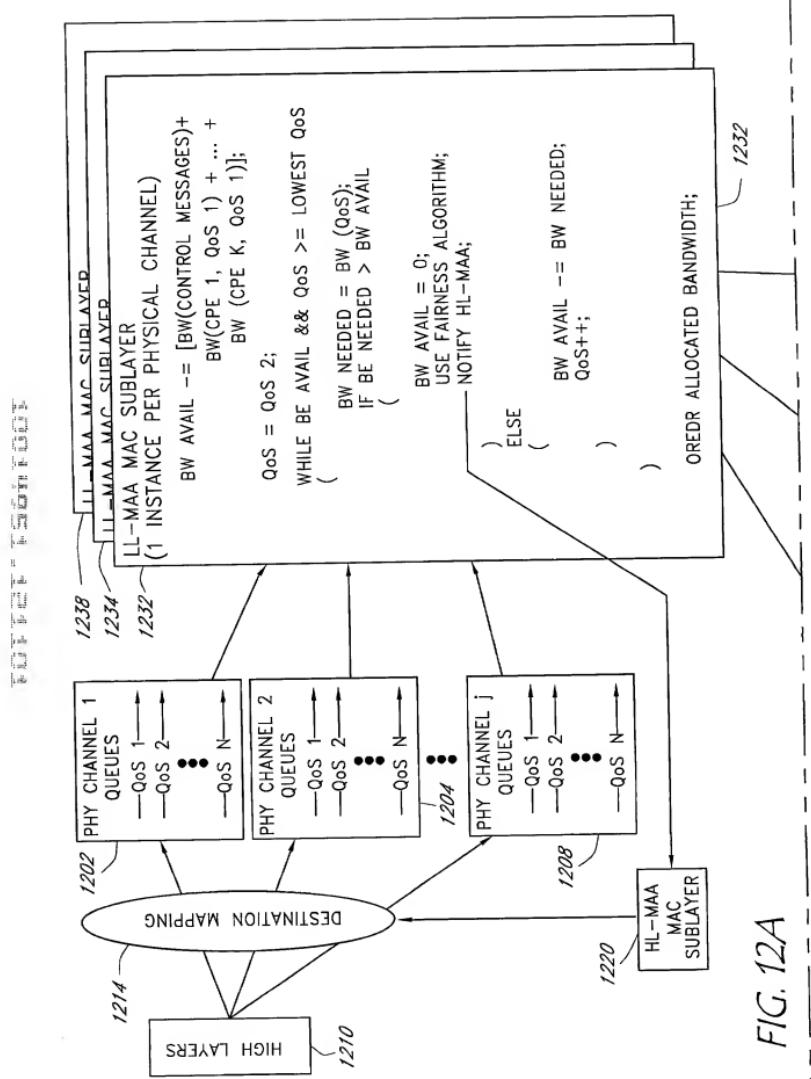
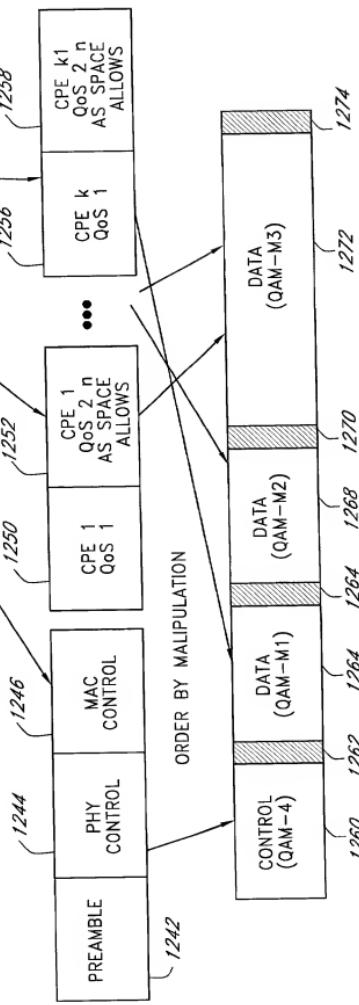
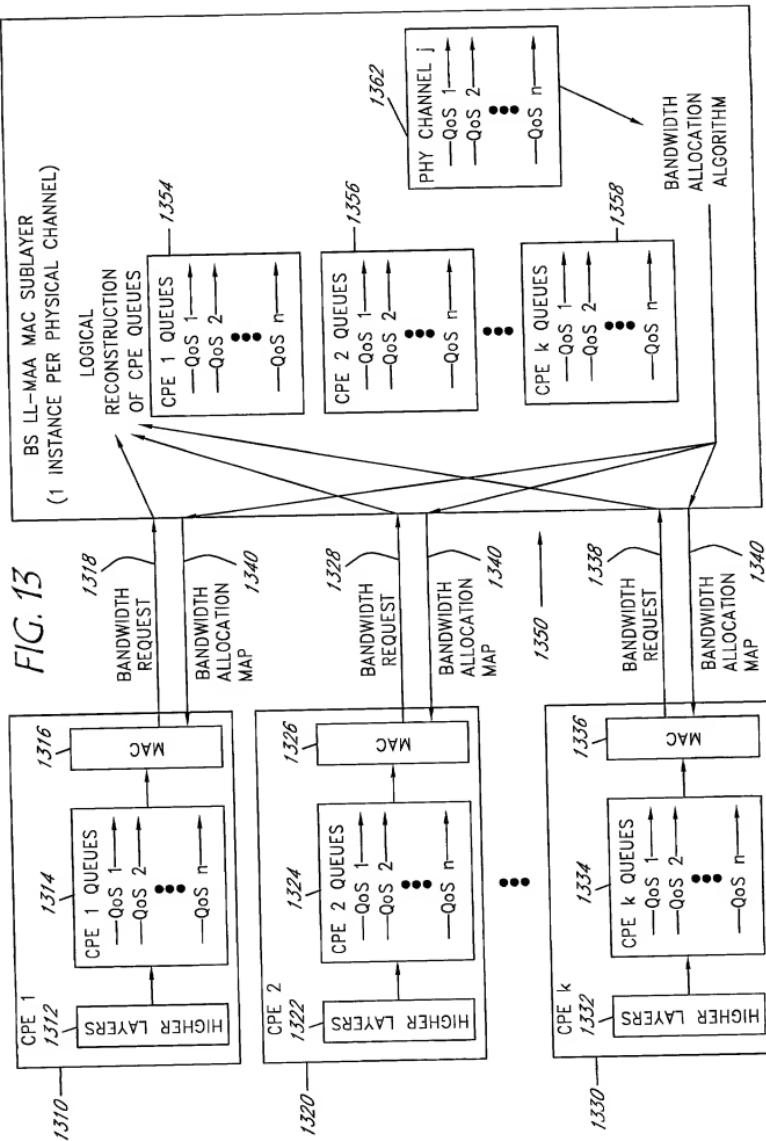


FIG. 12A

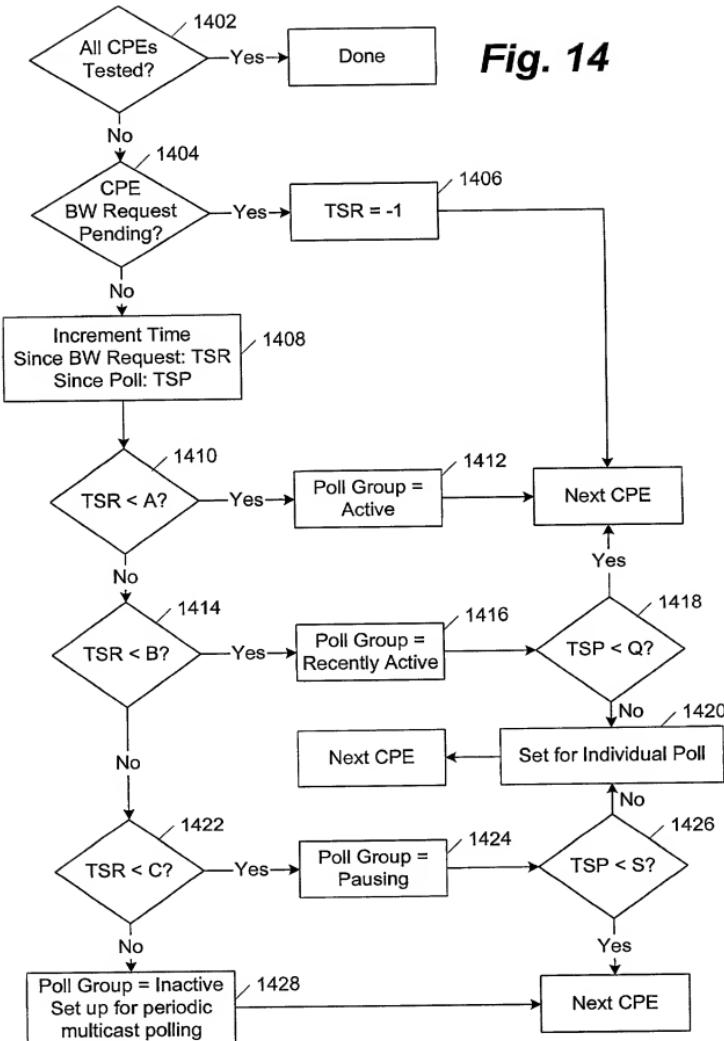
FIG. 12B



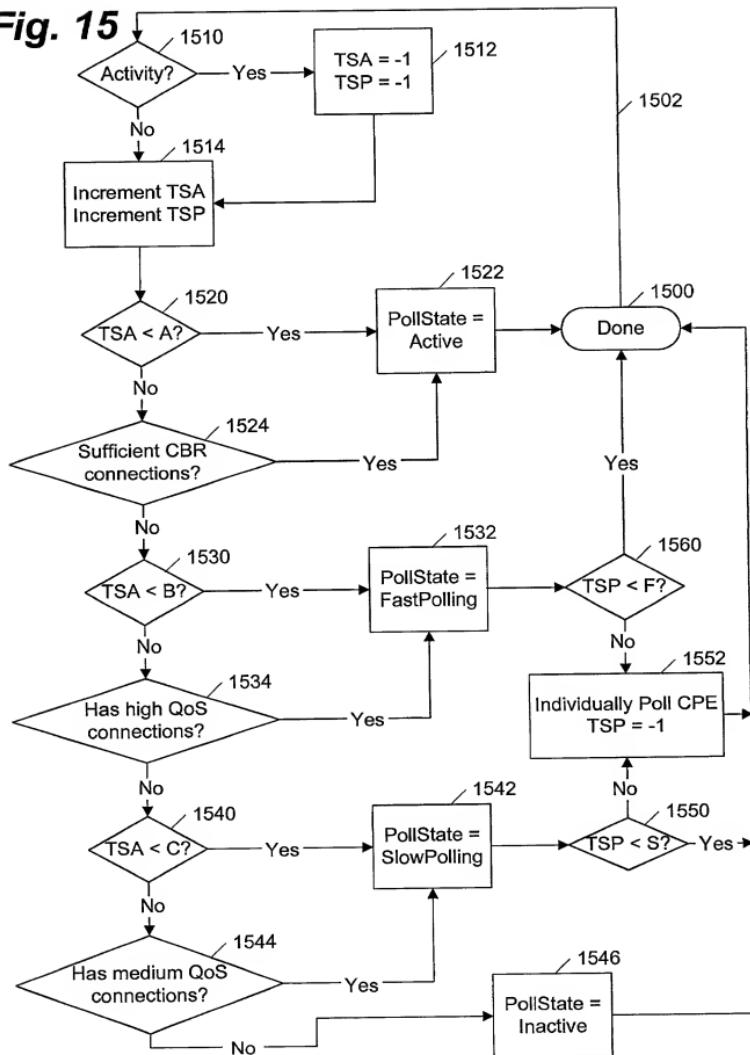
*FIG. 13*



**Fig. 14**



**Fig. 15**



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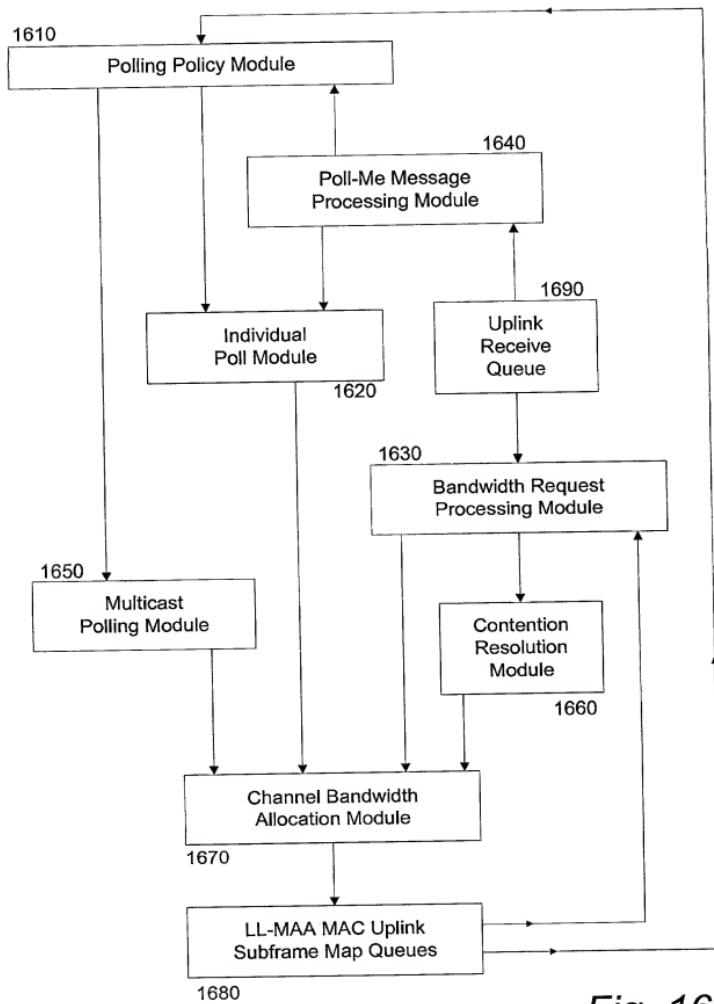


Fig. 16